

## Product datasheet for **RC217308L4V**

### DEGS2 (NM\_206918) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	DEGS2 (NM_206918) Human Tagged ORF Clone Lentiviral Particle
Symbol:	DEGS2
Synonyms:	C14orf66; DES2; FADS8
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_206918
ORF Size:	969 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC217308).
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. <a href="#">More info</a>
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
RefSeq:	<a href="#">NM_206918.1</a> , <a href="#">NP_996801.1</a>
RefSeq Size:	1411 bp
RefSeq ORF:	972 bp
Locus ID:	123099
UniProt ID:	<a href="#">Q6QHC5</a>
Cytogenetics:	14q32.2
Protein Families:	Transmembrane
Protein Pathways:	Metabolic pathways, Sphingolipid metabolism



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**MW:** 37.2 kDa

**Gene Summary:** This gene encodes a bifunctional enzyme that is involved in the biosynthesis of phytosphingolipids in human skin and in other phytosphingolipid-containing tissues. This enzyme can act as a sphingolipid delta(4)-desaturase, and also as a sphingolipid C4-hydroxylase. [provided by RefSeq, Oct 2008]